

METHODS AND SYSTEMS FOR ESTIMATING
WEAPON EFFECTIVENESS

ABSTRACT OF THE DISCLOSURE

Methods and systems for providing an estimate of effectiveness of a selected weapon against a selected target prior to release of the weapon are described. One described method comprises receiving a position uncertainty for a weapon platform, receiving a position uncertainty for a selected target, and determining an
5 ability of the selected weapon to navigate to the selected target. An estimated effectiveness of the selected weapon is determined utilizing one or more of the weapon platform position uncertainty, the target position uncertainty, the navigation capability of the selected weapon, and a kill radius for the selected weapon.